

IN THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in this application:

H:\216907US-CLAIMS.DOC

Claims 1-6 (Cancelled).

7. (Original) A method for identifying a secreted *Chlamydia* polypeptide wherein said method comprises (a) providing a recombinant expression vector containing at least DNA coding for the polypeptide of interest; (b) transforming a Gram-negative strain containing a type III secretion pathway with said recombinant vector; (c) expressing said vector in said Gram-negative transformed strain; and (d) detecting the secretion of said DNA expression product; wherein the secretion of said expression product indicates that it corresponds to a secreted *Chlamydia* polypeptide.

8. (Original) A method for identifying a secreted *Chlamydia* polypeptide wherein said method comprises (a) providing a recombinant expression vector containing at least DNA coding for the polypeptide of interest fused to a reporter gene; (b) transforming a Gram-negative strain containing a type III secretion pathway with said recombinant vector; (c) expressing this vector in said transformed Gram-negative strain; and (d) detecting the secretion of said reporter gene expression product; wherein the secretion of said expression product indicates that the fused DNA contains at least a polynucleotide corresponding to a secreted *Chlamydia* polypeptide.

9. (Original) A method according to Claims 7 or 8 wherein said Gram-negative strain containing a type III secretion pathway is a *Shigella* strain.

10. (Original) A method according to Claims 7 or 8 wherein said expression product is secreted by a type III secretion pathway.

Claims 11-29 (Cancelled).

30. (New) The method according to Claim 7, wherein the secreted polypeptide belongs to the Inc family.

31. (New) The method according to Claim 8, wherein the secreted polypeptide belongs to the Inc family.

32. (New) The method according to Claim 9, wherein the secreted polypeptide belongs to the Inc family.

33. (New) The method according to Claim 10, wherein the secreted polypeptide belongs to the Inc family.

34. (New) The method according to Claim 7, wherein said secreted polypeptide is selected from the group consisting of IncA, IncB, IncC, CPn0026, CPn0067, CPn0130, CPn0146, CPn0174, CPn0186, CPn0211, CPn0243, CPn0277, CPn0284, CPn0292, CPn0357, CPn0365, Cpn1027, CPn0028, CPn0049, CPn0066, CPn0132, CPn0220, CPn0223, CPn0226, CPn0267, CPn0648, Cpn0829, CPn0009, CPn0012, CPn0063, CPn0167, CPn0175, CPn0181, CPn0105, CPn0287, CPn0330, CPn0334, CPn0374, CPn0379, CPn0705, CPn0710, CPn0711, CPn0820, Cpn0821, CPn1016, and CPn1022.

35. (New) The method according to Claim 8, wherein said secreted polypeptide is selected from the group consisting of IncA, IncB, IncC, CPn0026, CPn0067, CPn0130, CPn0146, CPn0174, CPn0186, CPn0211, CPn0243, CPn0277, CPn0284, CPn0292, CPn0357, CPn0365, Cpn1027, CPn0028, CPn0049, CPn0066, CPn0132, CPn0220, CPn0223, CPn0226, CPn0267, CPn0648, Cpn0829, CPn0009, CPn0012, CPn0063, CPn0167, CPn0175, CPn0181, CPn0105, CPn0287, CPn0330, CPn0334, CPn0374, CPn0379, CPn0705, CPn0710, CPn0711, CPn0820, Cpn0821, CPn1016, and CPn1022.

36. (New) The method according to Claim 9, wherein said secreted polypeptide is selected from the group consisting of IncA, IncB, IncC, CPn0026, CPn0067, CPn0130, CPn0146, CPn0174, CPn0186, CPn0211, CPn0243, CPn0277, CPn0284, CPn0292,

CPn0357, CPn0365, Cpn1027, CPn0028, CPn0049, CPn0066, CPn0132, CPn0220, CPn0223, CPn0226, CPn0267, CPn0648, Cpn0829, CPn0009, CPn0012, CPn0063, CPn0167, CPn0175, CPn0181, CPn0105, CPn0287, CPn0330, CPn0334, CPn0374, CPn0379, CPn0705, CPn0710, CPn0711, CPn0820, Cpn0821, CPn1016, and CPn1022.

37. (New) The method according to Claim 10, wherein said secreted polypeptide is selected from the group consisting of IncA, IncB, IncC, CPn0026, CPn0067, CPn0130, CPn0146, CPn0174, CPn0186, CPn0211, CPn0243, CPn0277, CPn0284, CPn0292, CPn0357, CPn0365, Cpn1027, CPn0028, CPn0049, CPn0066, CPn0132, CPn0220, CPn0223, CPn0226, CPn0267, CPn0648, Cpn0829, CPn0009, CPn0012, CPn0063, CPn0167, CPn0175, CPn0181, CPn0105, CPn0287, CPn0330, CPn0334, CPn0374, CPn0379, CPn0705, CPn0710, CPn0711, CPn0820, Cpn0821, CPn1016, and CPn1022.

38. (New) The method according to Claim 34, wherein said secreted polypeptide is IncA.

39. (New) The method according to Claim 34, wherein said secreted polypeptide is IncB.

40. (New) The method according to Claim 34, wherein said secreted polypeptide is IncC.

41. (New) The method according to Claim 35, wherein said secreted polypeptide is IncA.

42. (New) The method according to Claim 35, wherein said secreted polypeptide is IncB.

43. (New) The method according to Claim 35, wherein said secreted polypeptide is IncC.

44. (New) The method according to claim 7, wherein said secreted *Chlamydia* polypeptide is a *Chlamydia pneumoniae* polypeptide.

45. (New) The method according to claim 8, wherein said secreted *Chlamydia* polypeptide is a *Chlamydia pneumoniae* polypeptide.

46. (New) The method according to claim 7, wherein said secreted *Chlamydia* polypeptide is a *Chlamydia trachomatis* polypeptide.

47. (New) The method according to claim 8, wherein said secreted *Chlamydia* polypeptide is a *Chlamydia trachomatis* polypeptide.